

**ABSTRACT****~~Multifunction probe with variable flexure~~**

The invention relates to a multifunction probe for aircraft. The probe has a mobile vane  $[(1)]$  intended to align with the axis  $[(8)]$  of an air flow around the probe. The mobile vane  $[(1)]$  comprises first pressure pickup means  $[(20, 21)]$  for measuring the total pressure  $[(P_t)]$  of the flow and second pressure pickup means  $[(22, 23)]$  for measuring the static pressure  $[(P_s)]$  of the flow. The mobile vane  $[(1)]$  furthermore has a profile whose flexure  $[(\lambda_1, \lambda_2)]$  is variable.

~~Fig. 1~~